



Molecular Virology 2021

Organizers: **Institute of Biomedicine**
Faculty of Medicine Postgraduate Education Unit

Zoom: Distance learning course, <https://utu.zoom.us/j/61359514812>

Study credits: 20–24 hours – 2,0 ECTS credits

Language: English

Time: **January 12 – Feb 21, 2021 Reserve dates Feb 23 and 25.**
Lecture time 15:15–17:00

Jan 12 Tue **General introduction to the molecular world of viruses**
Matti Waris, University of Turku

Jan 14 Thu **Lifespan of viruses**
Sisko Tauriainen, University of Turku

Jan 19 Tue **Bacteriophages and their exploitation in biomedicine**
Saija Kiljunen, University of Helsinki

Jan 21 Thu **Host immune responses to viral infections**
Ilkka Julkunen, University of Turku

Jan 26 Tue **Molecular basis of influenza vaccine virus selection**
Thedi Ziegler, University of Turku and WHO

Jan 28 Thu **Herpesviruses: molecular biology and gene therapy**
Veijo Hukkanen, University of Turku

Feb 02 Tue **Archeological studies of viruses**
Maria Perdomo, University of Helsinki

Feb 04 Thu **Hunting virus receptors**
Petri Susi, University of Turku

Feb 09 Tue **Molecular virology of human coronaviruses**
Ilkka Julkunen, University of Turku

Feb 11 Thu **Molecular acrobatics of HIV**
Flaviviruses: masters of polyprotein processing
Laura Kakkola, University of Turku

Feb 16 Tue **Cancers caused by human papillomaviruses**
Eeva Auvinen, University of Helsinki

Feb 18 Thu **Rocky road to a respiratory syncytial virus vaccine**
Matti Waris, University of Turku

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Tohtorin tutkinto: eriytyvä koulutus, sekä kurssimuotoinen menetelmäkoulutus biolääketieteen, kliinisen lääketieteen ja kansanterveystieteen alalla (2,0 op). Erikoislääkäritutkinto: kurssimuotoinen koulutus seuraavilla erikoisaloilla: infektiosairaudet, keuhkosairaudet, kliininen mikrobiologia, korva- nenä- ja kurkkutaudit, lastentaudit, neurologia, patologia, sisätaudit ja yleislääketiede (20 tuntia).